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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/680,305      | 10/08/2003  | Bodin Dresevic       | 003797.00720        | 5484             |

28319 7590 05/05/2006

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EXAMINER

TRAN, TAM D

ART UNIT

PAPER NUMBER

2628

DATE MAILED: 05/05/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

|                              |                               |                                 |  |
|------------------------------|-------------------------------|---------------------------------|--|
| <b>Office Action Summary</b> | Application No.<br>10/680,305 | Applicant(s)<br>DRESEVIC ET AL. |  |
|                              | Examiner<br>Tam D. Tran       | Art Unit<br>2628                |  |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 16 March 2006.  
 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.  
 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 19-23 is/are pending in the application.  
 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.  
 6) ☒ Claim(s) 19-23 is/are rejected.  
 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.  
 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.  
 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) ☐ All b) ☐ Some \* c) ☐ None of:  
 1. ☐ Certified copies of the priority documents have been received.  
 2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)  
 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)  
 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
 Paper No(s)/Mail Date 3/16/06, 10/8/03, 12/30/03, 3/16/06  
 4) ☐ Interview Summary (PTO-413)  
 Paper No(s)/Mail Date. \_\_\_\_\_  
 5) ☐ Notice of Informal Patent Application (PTO-152)  
 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 19-23, are rejected under 35 U.S.C. 102(e) as being anticipated by Schneider et al. (USPN 6559858 B1), hereinafter simply Schneider.

2. In regard to claim 19, Schneider teaches a method for smoothing a digital ink stroke (anti-aliased lines), see col.1 lines 52-55, comprising the steps of: determining a width of the digital ink stroke at a plurality of sampling locations (connecting pixels by n-pixel wide); and smoothing the width of the digital ink stroke based on the plurality of sampling locations (creating anti-aliased electronic ink images for samples; in computer graphic, anti-aliasing lines corresponding to smoothing lines). See col.3 lines 40-50.

3. In regard to claim 20, Schneider teaches a method for smoothing a digital ink stroke (anti-aliased lines), see col.1 lines 52-55, wherein the step of determining includes determining a plurality of pen tip instances at each sampling location, each pen

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tip instance having an associated size, the width at each sampling location depending upon the size of the respective pen tip instance. See col.1 lines 55-67.

4. In regard to claim 21, Schneider teaches a method for smoothing a digital ink stroke (anti-aliased lines), see col.1 lines 52-55, wherein the step of smoothing includes smoothing using a least-squares algorithm. See col.4 lines 44-50.

5. In regard to claim 22, Schneider teaches a method for smoothing a digital ink stroke (anti-aliased lines), see col.1 lines 52-55, comprising the steps of: determining a plurality of pen tip instances of the digital ink stroke, each of the pen tip instances having an associated rotation (pixels forming circle); see col.4 lines 5-10, and smoothing the rotations of the plurality of pen tip instances, see col.3 lines 42-50.

6. In regard to claim 23, Schneider teaches a method for smoothing a digital ink stroke (anti-aliased lines), see col.1 lines 52-55, wherein the step of smoothing includes smoothing using a least-squares algorithm. See col.4 lines 44-50.

### ***Conclusion***

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Tam D. Tran** whose telephone number is

**571-272-7793**. The examiner can normally be reached on MON-FRI from 8:30 – 5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Kee M. Tung** can be reached on **571-272-7794**. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.


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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Tam Tran

*TT*  
Examiner

Division 2628



**Kee M. Tung**  
**Primary Examiner**